

FAX

TO: Examiner Aminzay	FROM: Mike Scaturro
FAX: 703 746 3491	PAGES To follow: 2 1
RE: Ser. No. 09/933,790	DATE: Aug. 18, 2004

— MESSAGE —

Dear Examiner Aminzay:

Here is a synopsis of what I would like to discuss during the interview today.

Regards,

Mike

Re: Phone Interview concerning Sn. 09/933,790

From : Mike Scaturro, Esq. (51,356)

To: Examiner Shaima Q. Aminzay

Date: August 18, 2004

On page 2 of the Office Action, Claim1 is rejected over Chuah. It is alleged that Chuah teaches:

1 Transferring information in units over a wireless digital communications link	Figures 1, 8	
2 Between a transmitting station	Figure 1, node-b (6)	
3 And a receiving station	Figure 1, mobile (2)	
4 And transmitting first information units at a first power level	Col. 8, lines 20-24	However, returning to the base station, if the CRC is not valid, the base station transmits, in step 510, an "exceeds DTHRESH1" message to indicate that the access request signal was of sufficient power, but that the CRC was not valid. If this message is received by the remote terminal (step 708), the remote terminal re-transmits the request signal without increasing the power level of the signal (step 710).
5 And transmitting second information units associated with first information units	Col. 8, lines 39-44, the second information associated with the first information is transmitted	It is to be understood that PTHRESH1 (power threshold level 1) is preferably about 5 dB. If the signal strength of the originally received signal exceeds PTHRESH1, then the base station transmits an "exceeds PTHRESH1" message to the remote terminal (step 514).
6 For which first information units	Col. 8, lines 20-39	However, returning to the base station, if the CRC is not valid, the base station transmits, in step 510, an "exceeds

did not indicate correct reception occurred		<p>DTHRESH1" message to indicate that the access request signal was of sufficient power, but that the CRC was not valid. If this message is received by the remote terminal (step 708), the remote terminal re-transmits the request signal without increasing the power level of the signal (step 710).</p> <p>It is to be appreciated that while this description explains what happens when an original access request signal is sent and received with respect to the remote terminal and the base station, each time the base station receives a signal (re-transmitted or original signal), the detection algorithm returns to step 502 to repeat the detection process.</p> <p>Returning now to step 504 in the base station, if the original signal transmitted by the remote terminal did not exceed DTHRESH1, the base station (threshold detector) determines whether the signal exceeds PTHRESH1 (step 512). It is to be understood that PTHRESH1 (power threshold level 1) is preferably about 5 dB.</p>
7 At a second power level which is controlled on the basis of the disparity between target and actual quality of reception parameters for said second information units	Col. 8, lines 35-46, based on the two threshold, (DThresh1 and PThresh1), the first and second power level reception quality is controlled	
8 Wherein the target quality of reception parameter for said second information units is different to the target quality of reception parameter for said first information units	Col. 8, lines 35-52, the power level is different, for example increasing 1 dB.	
9 The second information units allowing the content of the first	Col. 8, lines 45-50	

information units to be established		
10		
Chuah does not teach monitoring means if reception of the transmitted units occurred at the receiver.		

With regard to Item 4 above

The cited reference does not teach "*And transmitting first information units at a first power level*

With regard to Item 5 above

The cited reference does not teach "*And transmitting second information units associated with first information units*

With regard to Item 6 above

The cited reference does not teach, "*For which first information units did not indicate correct reception occurred*

Same is true for items 7, 8 and 9

The reference is teaching a multi-threshold detection method:

- 1. the base station receives a request signal (not an information signal)*
- 2. A determination is made as to whether the request signal exceeds a detection threshold level, DTHRESH1*
- 3. if the request signal was received correctly, then data is transmitted*

4. If the request signal was not received correctly, the remote terminal re-transmits the request signal WITHOUT INCREASING THE POWER LEVEL (this is in direct contrast with the claim that recites that the re-transmission occurs at a second power level, based on a disparity between actual quality of reception and a target quality of reception.

5. The base station determines whether the request signal exceeds a second threshold PTHRESH. If so, the remote terminal increases its signal strength by 1 dB and re-transmits the access request signal. (the re-transmission of a non-information signal has nothing to do with a disparity between actual quality of reception and a target quality of reception, it is raised a fixed amount, i.e., 1 dB)